In Progress Report of Approved Acquisition Objective Integrated Product Team (AAO IPT)

LtCol Morse

Purpose

- Approve AAO IPT Recommendations, Subject to Advocate By Exceptions
- Gain Enhanced Equipment Allowance Pool (EEAP) Sourcing Clarification
- Approve NALMEB Policy Recommendations
- Approve Way Ahead

Agenda

- AAO IPT Chronology
- Snapshot of Round 3 Tailoring
- Programs Not Tailored
- Tailored Examples
- Tailored AAO Recommendations
- Lessons Learned
- Clarification of EEAP Sourcing Policy
- Clarification of NALMEB Policy
- Recommendations

AAO IPT Chronology

- **MROC Approves Tailoring Methodology**
  - 6 Mar 2001/MROC DM 14-2001
- **MROC Approves POA&M**
  - 3 Apr 2001/MROC DM 17-2001
- **1st AAO IPT Convenes (PR-03 Initiatives focus)**
  - 17-26 Apr 2001
  - Briefed to MROC 8 May 2001
- **MROC Validates Phase I IPT Recommendations**
  - 22 Aug 2001/MROC DM 25-2001

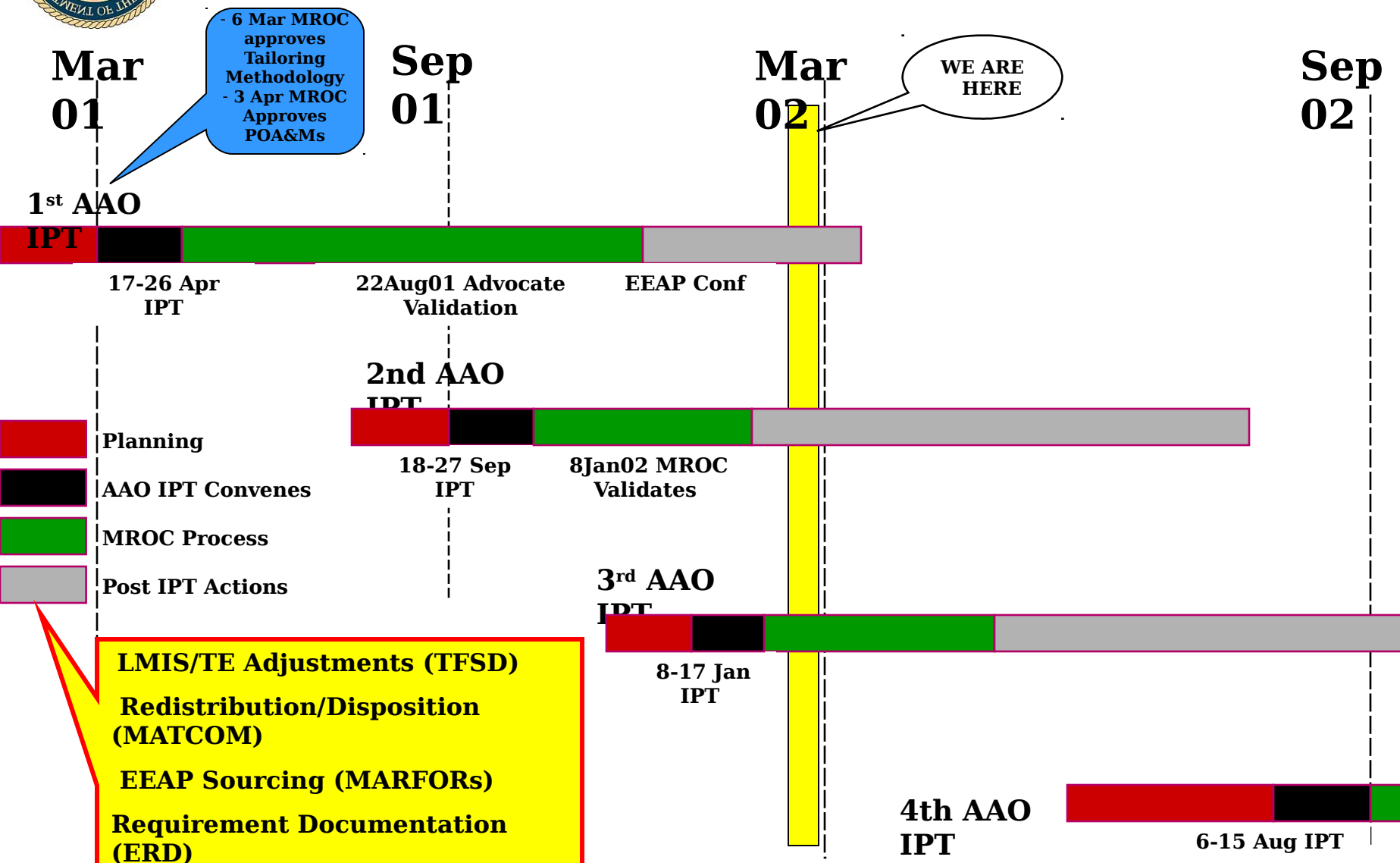
Chronology (Cont.)

- **2nd AAO IPT Convenes (PR-03/POM-04 Focus)**
  - 18-27 Sept 2001
  - Briefed to MROC 14 Nov 01
- **MROC Validates 2nd IPT Recommendations**
  - 8 Jan 2002/MROC DM 09-2002
- **3rd AAO IPT Convenes (POM-04 Focus)**
  - 8-17 Jan 2002

Chronology (Cont.)

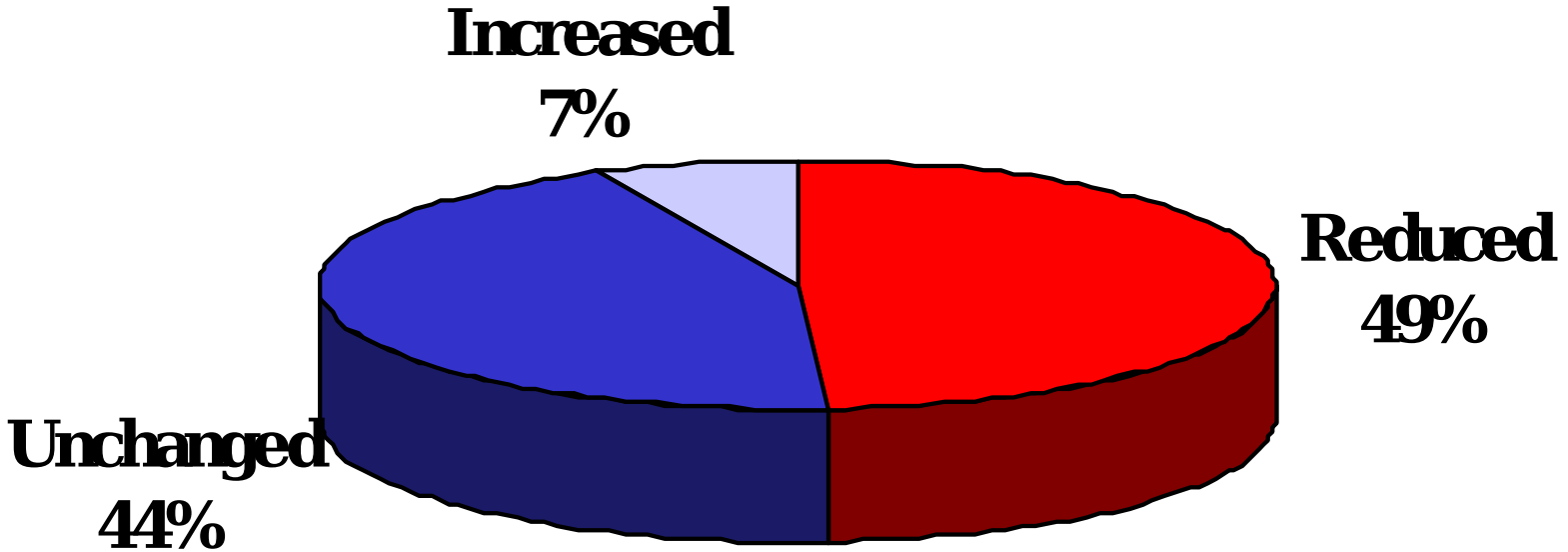
- **Round 1:**
  - 25 Items Reviewed; 21 Items Tailored
  - LMIS Adjustments Made (Non-EEAP Items)
  - EEAP Conference; EEAP Sourcing Unresolved
- **Round 2:**
  - 29 Items Reviewed; 25 Items Tailored
  - LMIS Adjustments IAW MROC DM
- **Round 3:**
  - 36 Items Reviewed; 33 Items Tailored
  - Pending Events:
    - MROC Approve IPT Baseline
    - Advocates By Exception Briefs/Changes
    - LMIS Adjustments

AAO IPT Chronologies



Snap Shot Round 3

- 33 Items Tailored
- 11 Items Were “Family Of” Systems For a Total Line- Item Tailoring of 57 Items.
- Not Just About Reducing….But Ensuring We Are Buying to the Requirement



Programs Not Tailored

- Combat Decision Range/Tactical Decision Making Simulation
- Container Family
- Small Unit Remote Scouting System (DRAGON EYE)

Family of Internally Transportable Vehicles (ITV) Example

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	1492	156	-1336	
Reserves	525	72	-453	
MPF	280	54	-226	
NALMEB	135	0	-135	
EEAP	169	0	-169	
Supt. Establishment	0	5	+5	
DMFA	0	0	0	
WRMR	54	0	-54	
AAO	**2655**	**287**	**-2368**	

Total Decrease = 89% of AAO

4.6 to 0.5 MEFs

First in Command and Control System (FICCS) Example

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	13	13	0	
Reserves	0	0	0	
MPF	0	0	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	1	1	0	
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**14**	**14**		
0				
No Change =	**0 % of AAO**			2.3 MEFs

Light Strike Craft (LSC)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	123	255	+132	Replacing
Reserves	0	0	0	Based on
MPF	0	0	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	13	30	+ 17	
DMFA	0	0	0	
WRMR	14	0	-14	
AAO	**150**	**285**		

+135

Total Increase = 90% of AAO

1.5 to 2.8 MEFs

Pedestal Mounted Stinger (Avenger) PMC (Avenger) Example

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	150	84	-66	Reor
Reserves	60	36	-24	due to
MPF	0	0	0	fielding
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	5	11	+6	Ft. Bliss now requi
DMFA	20	0	-20	10; 1 test B
WRMR	0	0	0	DMFA: 14 went to
				CLAWS
				6 went
				change
AAO	**235**	**131**		
- 104				
Total Decrease = 44% of AAO				3.9 to 3.6 MEFs

Tailored AAO Recommendations

AAO IPT JANUARY 8-17 2002 Nomenclature	I MEF	II MEF	III MEF	Reserves	Supp Est	MPF	Net WRMR	NAL MEB	DMFA	Original AAO	Tailored AAO	Old MEF	New MEF
Advanced Anti-Tank Weapon System (Heavy)	106	90	48	196	8	144	0	0	0	674	630	6.4	6
Advanced Field Artillery Tactical Data System													
AFATDS	155	153	97	164	50	0	0	0	0	619	619		4
Back Up Computer System (BUCS)	28	26	6	18						78	78		2.8
Mobile Tactical Shelter (MTS)	36	36	18	45	8	45		9	0	197	197		5.5
Alternate Power Source for Communication Equipment	1212	1240	628	876	306	534	0	0	0	4836	4796	3.9	3.9
Combat Decision Range (Tactical Decision Making Simulation)	Excluded (Software Solution Only)												
Combined Arms Command and Control Training Upgrade System	0	0	0	0	5	0	0	0	0	5	5		5
Communication Emitter Sensing and Attacking System	18	12	0	0	0	0	0	0	0	30	30		1.7
Container Family													
PALCON	Deferred - Awaiting Ploicy												
QUADCON	Deferred - Awaiting Ploicy												
Defense Advanced GPS Receiver	1348	1125	726	1108	222	0	0	0	0	5847	4529	4.5	3.5
Defense Message System													
TDMS	34	31	20	8	7	0	0	0	0	100	100		3
SE-DMS	4	5	2	2	22	0	0	0	0	35	35		7
Deployable Virtual Training Environment	32	28	15	0	19	0	0	0	0	94	92	2.9	2.9
Family of Field Medical Equipment													
Forward Resuscitative Surgery System (FRSS)	4	4	2	2	0	3	0	0	0	16	15	4	3.8
En Route Care System (ERCS)	16	16	8	8	0	12	0	0	0	60	60		3.8
Mobile Medical Monitor (M-3)	20	20	10	10	0	15	0	0	0	75	75		3.8
Family of Internally Transportable Vehicles (ITV)	64	56	36	72	5	54	0	0	0	2655	287	4.6	0.5
Family of Tactical Trailers													
M-105	441	447	244	489	48	285	0	20	0	3201	1974	7.3	4.4
M-149	281	280	199	278	70	333	0	80	0	1807	1521	6.4	5.4
M-353	393	418	273	398	27	488	0	199	0	2463	2196	5.9	5.3
M-101	446	448	233	412	21	0	0	0	0	1668	1560	3.7	3.5
M-116	394	397	285	352	42	264	0	67	0	1903	1801	4.8	4.5
M-870	55	52	38	58	10	45	0	12	0	304	270	5.5	4.9
First in Command and Control System	5	6	2	0	1	0	0	0	0	14	14		2.3
Flatrack Refueling Capability	54	54	49	43	17	102	0	32	0	331	351	6.1	6.5
HF Manpack Radio	371	337	212	361	64	0	0	0	0	1345	1345		3.6
Joint Tactical Terminal/Common Integrated Boardcast Service Modules	34	32	20	8	13	0	0	0	0	116	107	3.4	3.1
Light Strike Craft	91	101	63	0	30	0	0	0	0	150	285	3.4	3.1
MC Widband Satellite Systems													
GMF TSC-85C/TSC-93C	9	8	6	2	0	0	0	0	0	25	25		2.8
LMST	9	9	5	1	1	0	0	0	0	25	25		2.8
Logistics Vehicle System Replacement	402	396	238	320	116	402		170	0	3987	2044	5	2.5

Tailored AAO Recommendations

AAO IPT JANUARY 8-17 2002 Nomenclature	I MEF	II MEF	III MEF	Reserves	Supp Est	MPF	Net WRMR	NAL MEB	DMFA	Original AAO	Tailored AAO	Old MEF	New MEF
M1A1 Firepower Enhancement	58	58	0	64	0	174	0	0	0	403	354	6.3	5.5
MAGTF Secondary Imagery Dissemination Systems	22	18	13	18	0	0	0	0	0	73	71	3.3	3.2
Marine Corps Stationary Lighter-Than-Air Platform	4	4	4	4	3	0	0	0	0	21	19	5.3	4.8
Mortar Ballistic Computer	154	120	84	125	140	0	0	0	0	641	623	4.2	4
Pedestal Mounted Stinger (Avenger)	36	36	12	36	11	0	0	0	0	235	131	3.9	3.6
Safety Boats	3	5	3	7	6	0	0	0	0	25	24	5	4.8
SHF Tri-Band Replacement Terminal	18	17	11	3	1	0	0	0	0	50	50		2.8
Small Unit Remote Scouting System	DEFERRED												
Small Unit Riverine Craft-Escort	0	20	0	0	0	0	0	0	0	25	20	1	0.8
Tactical Hand-Held Radio	611	557	349	436	116	0	0	0	0	5423	2069	3.3	1.2
Tactical Intelligence Photographic Capability	325	312	236	271	133	0	0	0	0	1444	1277	4.5	4
Team Portable Collection System-Multi-Platform Capable	5	4	0	0	2	0	0	0	0	11	11		2.2
Third Echelon Test Set	56	56	48	46	91	0	0	0	0	295	297	5.3	5.3
Transition Switch Module	105	101	77	84	58	51	0	0	0	476	476		4.5
SB-3865	79	75	55	62	50	45	0	0	0	366	366		4.6
TTC-42	26	26	22	22	8	6	0	0	0	110	110		4.2
Transportable Regional Calibration Complex	4	3	3	3	3	0	0	0	0	16	16		1
Version 1 (Deployable)	2	2	2	2	1	0	0	0	0	9	9		
Version 2 (Configuration Control)	0	0	0	0	1	0	0	0	0	1	1		
Version 3 (Garrison)	2	1	1	1	1	0	0	0	0	6	6		
Trojan Spirit II/Lite													
Trojan Spirit	3	3	2	0	0	0	0	0	0	8	8		2.6

4.6 to 3.7
AVG MEFs

Lessons Learned

- Every Program Tailored Prior To IPT (Culture Change Evident)
- Legacy Systems- Tailor Principle End Item vice PIP/SLEP
- AAO Order Promulgation Still Ongoing
- Schoolhouse AAO Solution Hard to Determine for New Starts
- EEAP Sourcing and NALMEB Component Policy Clarification Required

Clarification of EEAP Policy

- **COA 1: Publish EEAP Apportionment Tasker For MARFOR Resolution**
- **COA 2: Publish Decision Directing a 40-40-20 Split Among I MEF, II MEF, and MARFORRES**
- **Recommendation: Approve COA 1**
- **Further Discussion Tabled Until T/E Deferred**

Clarification of NALMEB Policy

- **COA 1: Tailor New Capabilities/Requirements Only**
  - Default New Capabilities to Zero
  - Must Show Coordination Through Established PP&O, I&L & Norway Sourcing Procedures
  - Tailor Modernization Items (PIPs/SLEPs, Like Capabilities)

- **COA 2: Defer All NALMEB AAO Issues Until Completion of CNA Study, PEMG & EXCOM Guidance, and MROC Impact of T/E Definition Policy**

- **Recommendation: Approve COA-1**

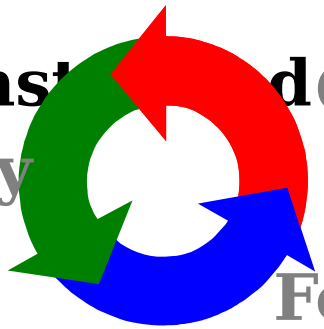
Recommendations

- Approve IPT Recommendations as Baseline
- Advocates Validate IPT Recommendations (By Exception) to MROC Prior to T-POM Submission
- Way ahead – next session tentatively
  6-15 Aug 02 (Core/Legacy)

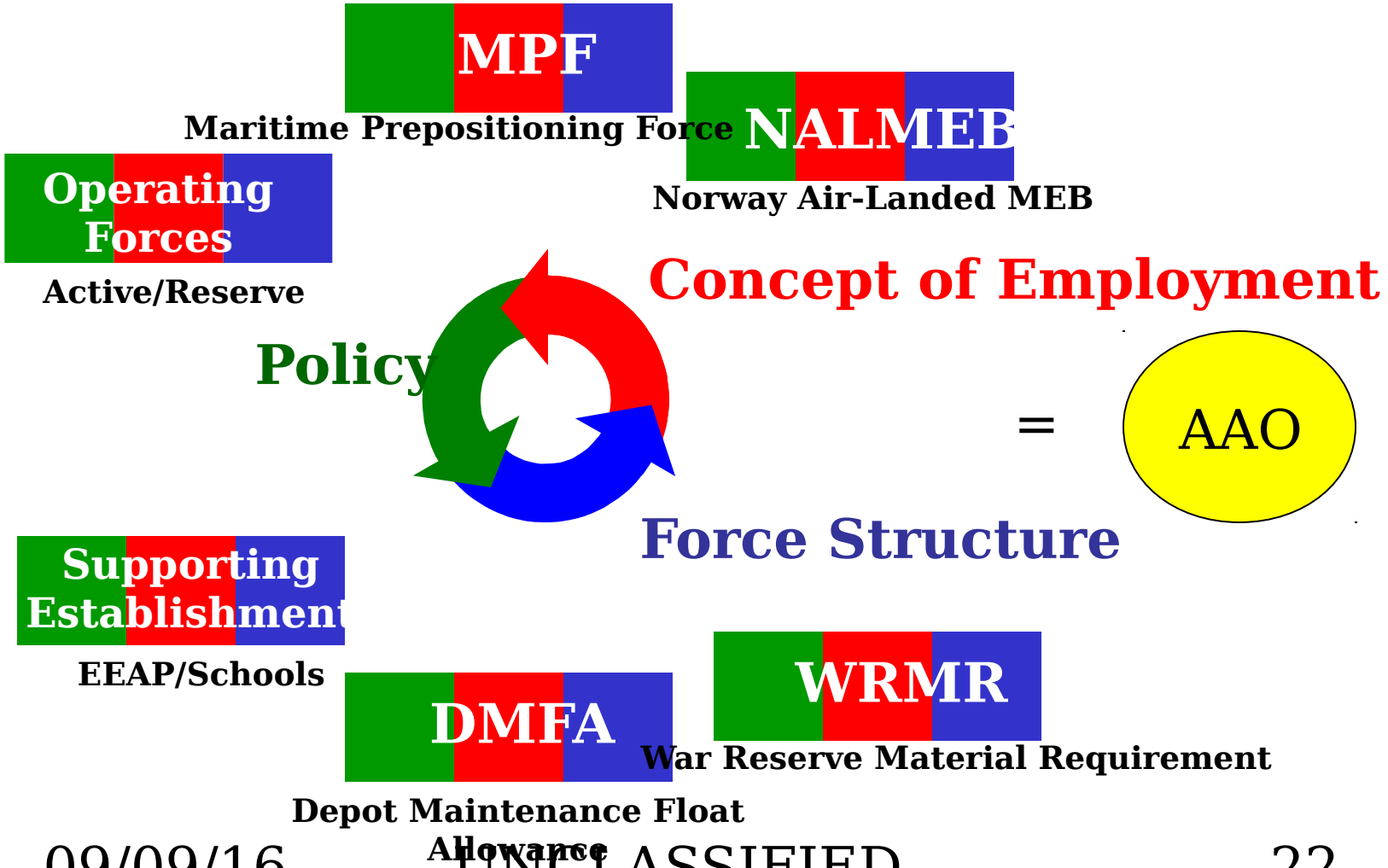
Back-up Slides

AAO Defined

- **An authorized allowance of an item for peacetime and wartime requirements and sustainment of the Marine Corps**
- **Comprised of Class II (Individual Equipment Items) and Class VII (Principal End Items)**
- **Total Equipment Acquisition Objective Based On:**
- **Fiscally Unconstrained Set of Requirements**



Components of An AAO



** ADVOCATES MUST BECOME AN INTERGRAL PART OF THE PROCESS

Advanced Anti-Tank Weapon System (Heavy) (AAWS-H)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	251	244	-7	
Reserves	198	196	-2	
MPF	144	144	0	
NALMEB	0	0	0	
EEAP	24	0	-24	
Supt. Establishment	55	46	-9	
DMFA	2	0	-2	
WRMR	0	0	0	
AAO	**674**	**630**	**-44**	

Total Decrease = 7% of AAO

6.4 to 6 MEFs

Advanced Field Artillery Tactical Data System (AFATDS)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	405	405	0	
Reserves	164	164	0	
MPF	0	0	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	50	50	0	
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**619**	**619**		
0				

No Change = **0% of AAO**

4 MEFs

AFATDS Back-Up Computer System (BUCS)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	60	60	0	
Reserves	18	18	0	
MPF	0	0	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	0	0	0	
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**78**	**78**		

0

No Change = **0% of AAO**

2.8 MEFs

AFATDS Mobile Tactical Shelter (MTS)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	90	90	0	
Reserves	45	45	0	
MPF	45	45	0	
NALMEB	9	9	0	
EEAP	0	0	0	
Supt. Establishment	8	8	0	
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**197**	**197**		
0				
No Change =	**0% of AAO**			5.5 MEFs

Alternate Power Source for Communication Equipment (APSCE)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	3080	3080	0	
Reserves	876	876	0	
MPF	534	534	0	
NALMEB	0	0	0	
EEAP	40	0	-40	Op fo
Supt. Establishment	306	306	0	
DMFA	0	0	0	
WRMR	0	0	0	

AAO **4836** **4796**
-40

Total Decrease = **1% of AAO**

3.9 to 3.8 MEFs

Combined Arms Command and Control Training Upgrade System (CACCTUS)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	0	0	0	
Reserves	0	0	0	
MPF	0	0	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	5	5	0	
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**5**	**5**		

0

No Change = 0% of AAO

5 MEFs

Communication Emitter Sensing and Attacking System (CESAS)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces		30	30	0
Reserves		0	0	0
MPF	0	0	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	0	0	0	
DMFA	0	0	0	
WRMR	0	0	0	

AAO **30** **30**

0

No Change = **0% of AAO**

1.7 MEFs

Defense Advanced GPS Receiver (DAGR)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	3133	3199	+66	RO Re
Reserves	1070	1108	+38	meet PO crit
MPF	193	0	-193	Mounts still placed c
NALMEB	90	0	- 90	
EEAP	190	0	-190	Mounts only for EEA
Supt. Establishment	217	222	+5	MCSF Bn; F
DMFA	954	0	-954	increase to MOU Ch
WRMR	0	0	0	DMFA decrease - C

AAO **5847** **4529**

-1318

Total Decrease = 23 % of AAO

4.5 to 3.5 MEFs

Defense Message System (DMS) TDMS

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	85	85	0	
Reserves	8	8	0	
MPF	0	0	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	7	7	0	
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**100**	**100**		

0 **No Change** **0 % of AAO**

3 MEFs

Defense Message System (DMS) SE-DMS

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	11	11	0	
Reserves	2	2	0	
MPF	0	0	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	22	22	0	
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**35**	**35**	**0**	

No Change = 0 % of AAO

7 MEFs

Deployable Virtual Training Environment (DVTE)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces		75	75	0
Reserves		0	0	0
MPF	0	0	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	19	17	-2	SERE & OCS deleted
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**94**	**92**		

-2 Total **Decrease = 2 % of AAO**

2.9 to 2.8 MEFs

Family of Field Medical Equipment Fwd Resuscitative Surgery System (FRSS)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	10	10	0	
Reserves	2	2	0	
MPF	3	3	0	
NALMEB	1	0	-1	Deleted NALMEB
EEAP	0	0	0	
Supt. Establishment	0	0	0	
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**16**	**15**	**-1**	

Total Decrease = 6% of AAO

4 to 3.8 MEFs

Family of Field Medical Equipment
En Route Care System (ERCS)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	40	40	0	
Reserves	8	8	0	
MPF	12	12	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	0	0	0	
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**60**	**60**		

0

No Change = 0% of AAO

3.8 MEFs

Family of Field Medical Equipment
Mobile Medical Monitor (M-3)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces		50	50	0
Reserves		10	10	0
MPF	15	15	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	0	0	0	
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**75**	**75**		
0				
	No Change	**0% of AAO**		3.8 MEFs

Family of Internally Transportable Vehicles (ITV)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	1492	156	-1336	
Reserves	525	72	-453	
MPF	280	54	-226	
NALMEB	135	0	-135	
EEAP	169	0	-169	
Supt. Establishment	0	5	+5	
DMFA	0	0	0	
WRMR	54	0	-54	
AAO	**2655**	**287**		

-2368

Total Decrease = 89% of AAO

4.6 to 0.5 MEFs

Family of Tactical Trailers M-105

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	1372	1132	-240	
Reserves	589	489	-100	
MPF	609	285	-324	
NALMEB	52	20	-32	
EEAP	0	0	-57	
Supt. Establishment	173	48	-125	
DMFA	349	0	-349	
WRMR	0	0	0	
AAO	**3201**	**1974**	**-1227**	

Total Decrease = 38% of AAO

7.3 to 4.4 MEFs

Family of Tactical Trailers M-149

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	760	760	0	Note:
Reserves	278	278	0	
MPF	333	333	0	
NALMEB	80	80	0	
EEAP	28	0	-28	
Supt. Establishment	109	70	-39	
DMFA	219	0	-219	
WRMR	0	0	0	
AAO	**1807**	**1521**	**-286**	

Total Decrease = 15.8% of AAO

6.4 to 5.4 MEFs

Family of Tactical Trailers M-353

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	1084	1084	0	Note: C
Reserves	398	398	0	
MPF	488	488	0	
NALMEB	199	199	0	
EEAP	54	0	-54	
Supt. Establishment	35	27	-8	
DMFA	205	0	-205	
WRMR	0	0	0	
AAO	**2463**	**2196**	**-267**	

Total Decrease = 11 % of AAO

5.9 to 5.3 MEFs

Family of Tactical Trailers M-101

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	1167	1127	-40	Note:
Reserves	412	412	0	
MPF	0	0	0	
NALMEB	0	0	0	
EEAP	52	0	-52	
Supt. Establishment	27	21	-6	
DMFA	10	0	-10	
WRMR	0	0	0	
AAO	**1668**	**1560**	**-108**	

Total Decrease = 7% of AAO

3.7 to 3.5 MEFs

Family of Tactical Trailers M-116

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	1076	1076	0	Note:
Reserves	352	352	0	
MPF	264	264	0	
NALMEB	67	67	0	
EEAP	27	0	-27	
Supt. Establishment	42	42	0	
DMFA	75	0	-75	
WRMR	0	0	0	
AAO	**1903**	**1801**	**-102**	

Total Decrease = **5% of AAO**

4.8 to 4.5 MEFs

Family of Tactical Trailers M-870

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	145	145	0	
Reserves	58	58	0	
MPF	45	45	0	
NALMEB	12	12	0	
EEAP	11	0	-11	
Supt. Establishment	20	10	-10	
DMFA	13	0	-13	
WRMR	0	0	0	
AAO	**304**	**270**	**-34**	

Total Decrease = 11% of AAO

5.5 to 4.9 MEFs

First in Command and Control System (FICCS)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	13	13	0	
Reserves	0	0	0	
MPF	0	0	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	1	1	0	
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**14**	**14**		
0				
No Change =	**0 % of AAO**			2.3 MEFs

Flatrack Refueling Capability (FRC)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces		163	157	-6
Reserves		60	43	-17
MPF	78	102	+32	
NALMEB	20	32	+12	
EEAP	0	0	0	
Supt. Establishment	10	17	+7	
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**331**	**351**		

+20

Total Increase = 6% of AAO

6.1 to 6.5 MEFs

HF Manpack Radio (HF Mnpk)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	920	920	0	
Reserves	361	361	0	
MPF	0	0	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	64	64	0	
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**1345**	**1345**		

0

No Change = **0% of AAO**

3.6 MEFs

Joint Tactical Terminal/Common Integrated Broadcast Service Modules (JTT/CIBS-M)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces		86	86	0
Reserves		8	8	0
MPF	0	0	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	22	13	-9	Only 13 Host System
DMFA	0	0	0	existing
WRMR	0	0	0	
AAO	**116**	**107**	**-9**	

Total Decrease = 8% of AAO

3.4 to 3.1 MEFs

Light Strike Craft (LSC)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces		123	255	+132	Replacing
Reserves		0	0	0	Based on
MPF	0	0	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	13	30	+ 17	
DMFA	0	0	0	
WRMR	14	0	-14	
AAO	**150**	**285**		
+135				

Total Increase = 90% of AAO

1.5 to 2.8 MEFs

MC Wideband Satellite Systems
GMF TSC-85C/TSC-93C

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	23	23	0	Compl
Reserves	2	2	0	to GMF syst
MPF	0	0	0	and total reqmt.
NALMEB	0	0	0	halved.
EEAP	0	0	0	
Supt. Establishment	2	1	1	
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**25**	**25**		

0

No Change = **0% of AAO**

2.8 MEFs

MC Wideband Satellite Systems LMST

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	23	23	0	Compl
Reserves	1	1	0	to GMF syst
MPF	0	0	0	and total reqmt.
NALMEB	0	0	0	halved.
EEAP	0	0	0	
Supt. Establishment	1	1	0	
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**25**	**25**	**0**	

No Change = **0% of AAO**

2.8 MEFs

Logistics Vehicle System Replacement (LVS Replacement) (All Variants MK 48,14,15,16,17,18)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	2023	1036	-987	Note: Orig LVS A
Reserves	792	320	-472	was 3840. Qtys r
MPF	654	402	-252	Draft ORD updated for
NALMEB	127	170	+43	MTVR and structure
EEAP	105	0	-105	changes, coupled with
Supt. Establishment	139	116	-23	more robust lift c
DMFA	0	0	0	of LVS-R.
WRMR	0	0	0	LMIS inventory shows number as 3987, while PEI Strat records show another. 3840 used as original AAO per requirement
AAO	**3840**	**2044**		

-1796

Total Decrease = 47% of AAO

5 to 2.5 MEFs

Logistics Vehicle System Replacement (LVS Replacement) (All Variants MK 48,14,15,16,17,18) Original

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Units	MK48	MK14	MK15	MK16	MK17	MK18	Total
I MEF	350	200	23	61	66	97	797
II MEF	332	222	21	55	59	112	801
III MEF (OKI)	200	102	14	38	22	49	425
MARFORRES	312	233	22	60	65	100	792
MPF	327	159	12	45	51	60	654
NALMEB	58	35	2	12	0	20	127
SPL MISS FORCES	6	3	1	2	0	0	12
GEN SUPT FORCES	58	13	7	9	20	20	127
EEAP	52	32	3	11	5	2	105
DMFA	67	33	8	9	14	16	147
Totals	1762	1032	113	302	302	476	3987

Logistics Vehicle System Replacement (LVS Replacement) (All Variants MK 48,14,15,16,17,18) Tailored

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Units	MK48	MK14	MK15	MK16	MK17	MK18	Total
I MEF	201	0	18	58	0	125	402
II MEF	198	0	17	55	0	126	396
III MEF (OKI)	119	0	16	38	0	65	238
MARFORRES	160	0	17	58	0	85	320
MPF	201	0	12	45	0	144	402
NALMEB	58	0	2	12	0	44	116
SPL MISS FORCES	3	0	1	2	0	0	6
GEN SUPT FORCES	55	0	7	8	0	40	110
EEAP	0	0	0	0	0	0	0
Totals	995	0	90	276	0	629	1990

M1A1 Firepower Enhancement (M1A1 FPE)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	116	116	0	
Reserves	64	64	0	
MPF	174	174	0	
NALMEB	0	0	0	
EEAP	22	0	-22	Sourced from Op Forc
Supt. Establishment	0	0	0	
DMFA	27	0	- 27	DMFA deleted to zero
WRMR	0	0	0	
AAO	**403**	**354**	**- 49**	

Total Decrease = 12% of AAO

6.3 to 5.5 MEFs

MAGTF Secondary Imagery Dissemination Systems (M-SIDS)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	53	53	0	
Reserves	18	18	0	
MPF	0	0	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	2	0	-2	Delete EWTGLANT/P
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**73**	**71**		

Total Decrease = - 2

3% of AAO

3.3 to 3.2 MEFs

Marine Corps Stationary Lighter-Than-Air Platform (MCSLAP)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	12	12	0	
Reserves	4	4	0	
MPF	0	0	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	3	3	0	
DMFA	0	0	0	
WRMR	2	0	- 2	COTS deleted WRMR
AAO	**21**	**19**		

Total Decrease = -2 | **10% of AAO**

5.3 to 4.8 MEFs

Mortar Ballistic Computer (MPC)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	376	358	-18	
Reserves	125	125	0	mortar fro
MPF	0	0	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	140	140	0	
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**641**	**623**		

Total Decrease = -18 | **3% of AAO**

4.2 to 4.0 MEFs

Pedestal Mounted Stinger (Avenger) PMC (Avenger)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	150	84	-66	Reor
Reserves	60	36	-24	due to
MPF	0	0	0	fielding
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	5	11	+6	Ft. Bliss now requi
DMFA	20	0	-20	10; 1 test B
WRMR	0	0	0	DMFA: 14 went to
				CLAWS
				6 went
				change
AAO	**235**	**131**		
- 104				
Total Decrease = 44% of AAO				3.9 to 3.6 MEFs

Safety Boats (S-Boats)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	12	11	-1	
Reserves	4	7	+3	
MPF	0	0	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	9	6	-3	
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**25**	**24**	**-1**	

Total Decrease = 4% of AAO

5 to 4.8 MEFs

SHF Tri-Band Replacement Terminal (SHF Tri-Band)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	46	46	0	Even
Reserves	3	3	0	LMST a
MPF	0	0	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	1	1	0	
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**50**	**50**		
0				
No Change		**0% of AAO**		2.8 MEFs

Small Unit Riverine Craft-Escort (SURC-E)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	25	20	-5	Replace
Reserves	0	0	0	Craft. 1:2 Rat
MPF	0	0	0	ensure armed e
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	0	0	0	
DMFA	0	0	0	
WRMR	0	0	0	

AAO 25 20

-5

Total Decrease = 20% of AAO

1 to 0.8 MEFs

Tactical Hand-Held Radio (THHR)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	4019	1517	-2502	
Reserves	1308	436	-872	
MPF	0	0	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	96	116	+20	
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**5423**	**2069**	**-3354**	

Total Decrease = 62% of AAO

3.3 to 1.2 MEFs

Tactical Intelligence Photographic Capability (TacPhoto)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	830	873	+43	
Reserves	281	271	-10	
MPF	0	0	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	333	133	-200	
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**1444**	**1277**		

-167

Total Decrease = 10 % of AAO

4.5 to 4.0 MEFs

Team Portable Collection System-Multi-Platform Capable (TPCS-MPC)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	9	9	0	
Reserves	0	0	0	
MPF	0	0	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	2	2	0	
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**11**	**11**		

No Change = 0 | **0% of AAO** | 2.2 MEFs

Third Echelon Test Set (TETS)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	160	160	0	
Reserves	46	46	0	
MPF	0	0	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	89	91	+2	Ft Bliss (Avenger/CLAW
DMFA	0	0	0	due to support agreem
WRMR	0	0	0	change
AAO	**295**	**297**		

+2

Total Increase = **1% of AAO** 5.3 MEFs

Transition Switch Module (TSM)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	283	283	0	
Reserves	84	84	0	
MPF	51	51	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	58	58	0	
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**476**	**476**		

No Change = 0 | 0% of AAO

4.5 MEFs

Transition Switch Module (TSM) SB-3865

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	209	209	0	
Reserves	62	62	0	
MPF	45	50	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	50	50	0	
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**366**	**366**		

0

No Change = 0% of AAO

4.6 MEFs

Transition Switch Module (TSM)
TTC-42

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	74	74	0	
Reserves	22	22	0	
MPF	6	6	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	8	8	0	
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**110**	**110**		

No Change = 0 **0% of AAO**

4.2 MEFs

Transportable Regional Calibration Complex (TRCC) (Versions 1, 2, & 3)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	10	10	0	
Reserves	3	3	0	
MPF	0	0	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	3	3	0	
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**16**	**16**		

0

No Change = **0% of AAO** 1 MEF

Trojan Spirit II/Lite (Trojan II)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces		8	8	0
Reserves		0	0	0
MPF	0	0	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	0	0	0	
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**0**	**8**	**8**	

No Change **0% of AAO**

2.6 MEFs

Trojan Spirit II/Lite (Lite)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	12	12	0	
Reserves	0	0	0	
MPF	0	0	0	
NALMEB	0	0	0	
EEAP	0	0	0	
Supt. Establishment	0	0	0	
DMFA	0	0	0	
WRMR	0	0	0	
AAO	**12**	**12**		

0 **No Change** **0% of AAO** 3 MEFs

MEFs/Reserves and SE Allowances

- Allowances derived from the COE
  - X number per battalion, team, vehicle
- Force Structure matched up w/COE
  - operator/maintainers MOS
- Develop allowances at 100% of Force Structure (T/O&E)
- Reserves are complementary or mirror-imaged to the active MEFs
- Schools allowances based on throughput

changes: Assess the feasibility of the EEAP quantities being established from the Operating and or Reserves
Default Reserves to largest active MEF quantity

Maritime Prepositioning

- Global Staging Platforms
- What Goes on depends on:
  - **Operating Force Input (NAVMC 2907)**
  - **Ship Space constraints**
  - **Prepositioning criteria**
    - **No critical low density items**
    - **Shelf-life of 36 months**
    - **Does not need calibration for 36 months**

Equipment Can Be Tailored to Ensure That Requirement Will Fit On MPF Within Existing Cube/Weight Limitations and Meets

Norway Air-Landed MEB

- Prepositioned equipment in Norway
- U.S MOU between SECDEF and Minister of DEF in 1981
- Operating Force input (II MEF) (NAVMC 2926)
- Equipment also used in support of EUCOM operations and exercises.
- Used as part of MARFOREUR Theater Engagement Plan.
- Out of Area policy

Depot Maintenance Float

- Maintain readiness in Operating Forces
  - 5th Echelon Maintenance and Washouts
- MATCOM develops requirement:
  - MEF/Reserve Allowances
  - Mean Repair Cycle Time
  - Transportation Time
  - Administration Time
  - Mean Time Between Overhaul

Policy change: Default DMFA to zero, justify any required quantities.

War Reserve Materiel

- Computation formula under development that allows for combat and peacetime calculations
- Combat loss replacement
- Two overlapping MTWs calculation
- WRMR calculating methodology:
  - MEFs/Reserves Allowances
  - Combat Active Replacement Factors (CARFs)
  - MPF Allowances
    - WRMR minus MPF = Net WRMR

Policy change: Default Net WRMR to zero.